

Title (en)
SUBSTRATE EQUIPPED WITH A MULTILAYER COMPRISING A PARTIAL METAL FILM, GLAZING UNIT AND PROCESS

Title (de)
SUBSTRAT MIT EINER MEHRFACHSCHICHT MIT EINER PARTIELLEN METALLSCHICHT, VERGLASUNGSEINHEIT UND -VERFAHREN

Title (fr)
SUBSTRAT MUNI D'UN EMPILEMENT A COUCHE METALLIQUE PARTIELLE, VITRAGE ET PROCEDE

Publication
EP 2922799 A1 20150930 (FR)

Application
EP 13808097 A 20131122

Priority
• FR 1261191 A 20121123
• FR 2013052830 W 20131122

Abstract (en)
[origin: WO2014080141A1] The invention relates to a substrate (30) coated on one face (31) with a thin-film multilayer (34) comprising at least one functional metal film (140) based on silver or made of silver and two antireflection coatings (120, 160), said antireflection coatings each comprising at least one antireflection layer (124, 164), said functional film (140) being placed between the two antireflection coatings (120, 160), characterised in that said functional metal film (140) is a discontinuous film providing a degree of surface coverage comprised between 50% and 90% or even between 53% and 83%.

IPC 8 full level
C03C 17/36 (2006.01); **E06B 3/36** (2006.01)

CPC (source: EP US)
C03C 17/36 (2013.01 - EP US); **C03C 17/3613** (2013.01 - US); **C03C 17/3639** (2013.01 - EP US); **C03C 17/3644** (2013.01 - EP US); **C03C 17/366** (2013.01 - EP US); **C03C 17/3681** (2013.01 - EP US); **E06B 3/66** (2013.01 - US); **C03C 2217/40** (2013.01 - EP US); **Y10T 428/24851** (2015.01 - EP US); **Y10T 428/24868** (2015.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
FR 2998564 A1 20140530; FR 2998564 B1 20161223; BR 112015010165 A2 20170711; BR 112015010165 B1 20210928; CA 2889908 A1 20140530; CA 2889908 C 20210727; CN 105307995 A 20160203; CN 105307995 B 20181123; EA 029118 B1 20180228; EA 201591009 A1 20150831; EP 2922799 A1 20150930; EP 2922799 B1 20220504; ES 2916829 T3 20220706; HU E058803 T2 20220928; IN 3924DEN2015 A 20151002; JP 2016503385 A 20160204; JP 6456295 B2 20190123; KR 102122790 B1 20200615; KR 20150087358 A 20150729; MX 2015006428 A 20151116; PL 2922799 T3 20220704; PT 2922799 T 20220621; US 2015321951 A1 20151112; US 9809492 B2 20171107; WO 2014080141 A1 20140530

DOCDB simple family (application)
FR 1261191 A 20121123; BR 112015010165 A 20131122; CA 2889908 A 20131122; CN 201380061163 A 20131122; EA 201591009 A 20131122; EP 13808097 A 20131122; ES 13808097 T 20131122; FR 2013052830 W 20131122; HU E13808097 A 20131122; IN 3924DEN2015 A 20150508; JP 2015543501 A 20131122; KR 20157016248 A 20131122; MX 2015006428 A 20131122; PL 13808097 T 20131122; PT 13808097 T 20131122; US 201314646908 A 20131122